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Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Complete if Known

Application Number	10/032361
Filing Date	December 21, 2001
First Named Inventor	McGrath, Kevin
Group Art Unit	1651
Examiner Name	Unknown

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Attorney Docket No: 1443.025US1

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**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SWL	✓	COCKMAN, M., et al. "Hypoxia Inducible Factor- $\alpha$ Binding and Ubiquitylation by the von Hippel-Lindau Tumor Suppressor Protein", <u>The Journal of Biological Chemistry</u> , 275(33), (2000), pp. 25733-25741	
	✓	DER, S., et al. "Identification of genes differentially regulated by interferon $\alpha$ , $\beta$ , or $\gamma$ using oligonucleotide arrays", <u>Proc. Natl. Acad. Sci. USA</u> , 95, (1998), pp. 15623-15628	
	✓	GRADIN, K., et al. "Repression of Dioxin Signal Transduction in Fibroblasts", <u>The Journal of Biological Chemistry</u> , 274(19), (1999), pp. 13511-13518	
	✓	HOSSAIN, M., et al. "Induction of Vascular Endothelial Growth Factor in Human Astrocytes by Lead", <u>The Journal of Biological Chemistry</u> , 275(36), (2000), pp. 27874-27882	
	✓	HUANG, L., et al. "Regulation of hypoxia-inducible factor 1 $\alpha$ is mediated by an O <sub>2</sub> -dependent degradation domain via the ubiquitin-proteasome pathway", <u>Proc. Natl. Acad. Sci. USA</u> , 95, (1998), pp. 7987-7992	
	✓	IYER, N., et al. "Cellular and developmental control of O <sub>2</sub> homeostasis by hypoxia-inducible factor 1 $\alpha$ ", <u>Genes &amp; Development</u> , 12, (1998), pp. 149-162	
	✓	KAMURA, T., et al. "Activation of HIF1 $\alpha$ ubiquitination by a reconstituted von Hippel-Lindau (VHL) tumor suppressor complex", <u>PNAS</u> , 97(19), (2000), pp. 10430-10435	
	✓	MATHUPALA, S., et al. "Glucose Catabolism in Cancer Cells: Identification and Characterization of A Marked Activation Response of The Type II Hexokinase Gene to Hypoxic Condition", <u>The American Society for Biochemistry and Molecular Biology, Inc.</u> , (2001), pp. 1-24	
	✓	SCHEID, A., et al. "Hypoxia-regulated gene expression in fetal wound regeneration and adult wound repair", <u>Pediatr. Surg. Int.</u> , 16, (2000), pp. 232-236	
	✓	SEMENZA, G., "HIF-1: mediator of physiological and pathophysiological to hypoxia", <u>J. Appl. Physiol.</u> , 88, (2000), pp. 1474-1480	
	✓	SUTTER, C., et al. "Hypoxia-inducible factor 1 $\alpha$ protein expression in controlled by oxygen-regulated ubiquitination that is disrupted by deletions and missense mutations", <u>PNAS</u> , 97(9), (2000), pp. 4748-4753	
SWL	✓	TAKAHASHI, Y., et al. "Hypoxic Induction of Prolyl 4-Hydroxylase $\alpha$ (I) in Cultured Cells", <u>The Journal of Biological Chemistry</u> , 275(19), (2000), pp. 14139-14146	

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Examiner Name Unknown

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SuL	✓	TANIMOTO, K., et al. , "Mechanism of regulation of the hypoxia-inducible factor-1alpha by the von Hippel-Lindau tumor suppressor protein", <u>The EMBO Journal</u> , 19(16), (2000), pp. 4298-4309	
	✓	WENGER, R., "Review - Mammalian Oxygen Sensing, Signalling and Gene Regulation", <u>The Journal of Experimental Biology</u> , 203, (2000), pp. 1253-1263	
	✓	YU, F., et al. , "HIF-1alpha binding to VHL is regulated by stimulus-sensitive proline hydroxylation", <u>PNAS</u> , 98(17), (2001), pp. 9630-9635	
SuL	✓	ZHONG, H., et al. , "Overexpression of Hypoxia-inducible Factor 1alpha in Common Human Cancers and Their Metastases", <u>Cancer Research</u> , 59, (1999), pp. 5830-5835	

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*SuL*

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swl		GUDMUNDSSON, G. H., et al., "Structure of the Gene for Porcine Peptide Antibiotic PR-39, a Cathelin Gene Family Member: Comparative Mapping of the Locus for the Human Peptide Antibiotic Fall-39", <u>Proc. Natl. Acad. Sci. USA</u> , 92, (1995), 7085-7089	
		KREK, W., "VHL Takes HIF's Breath Away", <u>Nature Cell Biology</u> , 2, (2000) E1-E3	
		LI, J., et al., "PR39, a Peptide Regulator of Angiogenesis", <u>Nature Medicine</u> , 6, (2000), 49-55	
		LISZTIAN, J., et al., "The Von Hippel-Lindau Tumor Suppressor Protein is a Component of an E3 Ubiquitin-Protein Ligase Activity", <u>Gene and Development</u> , 13, (1999), 1822-1833	
swl		RATLIFFE, P. J., et al., "Oxygen Sensing, Hypoxia-Inducible Factor-1 and the Regulation of Mammalian Gene Expression", <u>The Journal of Experimental Biology</u> , 201, (1998), 1153-1162	

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